|  |  |  |  |
| --- | --- | --- | --- |
| weight | Anything that has mass and volume | | |
| compound | Amount of matter | | |
| volume | Force of gravity on an object | | |
| atom | Amount of space taken up by an object | | |
| mass | The smallest particle of an element that has the chemical properties of that element | | |
| gas | A group of atoms bonded together so they move as a single unit | | |
| states of matter | A substance that cannot be broken down into a simpler substance; consists of atoms of one type | | |
| matter | A substance made up of 2 or more different types of atoms bonded together | | |
| mixture | A combination of 2 or more substances that do not combine chemically; can be separated by physical means | | |
| solid | Different forms in which matter can exist (solid, liquid, gas) | | |
| molecule | Matter that has definite shape and a definite volume | | |
| element | Matter with no definite volume and not definite shape | | |
| liquid | Matter that has a definite volume but does not have a definite shape | | |
|  | |  |